



Funded by the
European Union

WECOOP

EU – Central Asia Cooperation on
Water – Environment – Climate Change

Training Course Work Programme “Wastewater Treatment Management: the EU Experience”

**26 & 30 October 2020
On-line, GoToWebinar**

Background

The adoption of the Urban Waste Water Treatment Directive (Directive) in 1991 in the European Union (EU) promoted the improvement of urban waste water treatment in the EU Member States. The recently published 10th report on the implementation of the Directive (2020) shows that compliance rates with EU waste water collection and treatment rules are high and have increased compared to the previous reporting period. According to this report, 95% of waste water in the EU is collected and 88% is biologically treated.

The EU-funded project “European Union – Central Asia Water, Environment and Climate Change Cooperation (WECOOP)” aims to enhance environment, climate change and water policies in Central Asia through approximation to EU standards and to promote green investments in relevant sectors with the aim of contributing to measurable reductions in man-made pollution, including CO₂ emissions.

Objectives

To inform trainees about with the basic principles of wastewater treatment management in the European Union, approaches toward the standardisation of waste water treatment, technologies used in EU, prospects for the commercialization of treatment facilities, economics of use of sludge, use of process (technical) water / (class D waters) in urban infrastructure as well as capacity building and training in the effective use of international experience in the framework of ongoing reforms in the sector.

Technical note

The meeting will be organised as a video webinar on the GoToWebinar platform, which can be used on a video system, PC, tablet or smartphone. The WECOOP team will contact in advance all participants for technical advice and, if necessary, connection tests.

Disclaimer

By registering to this event, the participant gives Stantec permission to process his or her personal data (incl. transfer of personal data to third parties only in cases specified in the current regulations) that is provided in the registration form. Stantec undertakes to process the personal data in compliance with the binding regulations (incl. Regulation (EU) 2016/679 of the European Parliament and the Council – “General Data Protection Regulation”). The registered participant may access and view the documents that contain his or her personal data on request and demand to edit or delete them.

This event may be recorded/photographed, and the images of part or the whole event may be webcast on the Internet and other channels. Participating in this event involves the acceptance of being filmed.

Note on practical tasks

Participants will be asked to complete 1-2 practical tasks. We may request to prepare a background information concerning, for example, Kazakhstan’s city of Nur-Sultan or another city for the solution of practical tasks.

Day 1	
14:00 – 14:10	Introduction Opening of the Webinar Welcome address. WECCOOP Objectives – Mr Valts Vilnitis
14:10 – 14:40	Water Quality Principles • EU Legal Base ➤ Water Framework Directive (WFD, 2000/60/EC) – Mr Anatoly Krutov (AK) Q&A
14:40 – 18:00	➤ Drinking Water Directive (DWD – 98/83/EC) – Mr Juris Laicans (JL) Q&A
	➤ Urban Waste Water Treatment Directive (UWWTD, 91/271/EEC) (JL) Q&A
	5 minutes break
	Approaches of the EU Member States to the municipal wastewater treatment (JL) ➤ Institutional structure of the sector (on the example of Latvia) ➤ Functioning of the sector (on the example of Latvia) ➤ State policy to ensure affordability wastewater treatment services for population ➤ Trends in the sector, including technology Q&A
	5 minutes break
	Urban development plans and options to address problems related to optimization of the capacity of treatment facilities (for agglomerations and small settlements) (JL) ➤ Modern technologies, including best available, technologies for wastewater treatment ➤ Selection of technologies and its adaptation ➤ Wastewater treatment in small towns: modern local systems ➤ Problems of operation of high-tech treatment facilities, including training and capacity development Q&A
Day 2	
14:00 – 15:30	EU Sludge Management Principles (JL) ➤ Sewage Sludge Directive (SSD, 86/278/EEC) ➤ Economic aspects of recycling: the commercialization of the sector ➤ Economics of use of sludge, and options to use of process (technical) water / (class D waters) in urban infrastructure ➤ Energy efficiency issues Q&A
15:30 – 16:00	Biogas in the EU – Mr Janis Timsans (JT) ➤ Experience with biogas plants in the EU, including policies and economic mechanisms Q&A
16:10 – 18:00	5 minutes break
	Storm sewage: EU experience (JL) Q&A
	EU tariff policy in the sector, including tariff structure (JT) ➤ Tariff policy, main principles Q&A
	5 minutes break
	EU tariff policy in the sector, including tariff structure (JT) ➤ Tariff structure. Q&A
	Examples of preparation and implementation of investment programs (JT) ➤ Examples of implementation of sewage treatment plant construction and reconstruction project. ➤ Structuring of project, investment model, results ➤ Key lessons and recommendations Q&A
Closing remarks	